

PATENT  
KON-112-CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION: Blackwell et al

Serial No.: 10/732,969

Art Unit:

Filed: December 11, 2003

Examiner:

For: DENTAL COMPOSITE RESTORATIVE MATERIAL AND METHOD OF  
RESTORING A TOOTH

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Information Disclosure Statement

Enclosed pursuant to 37 CFR 1.56 are PTO form 1449 and a copy  
of each reference cited therein.

Respectfully submitted,

Douglas J. Hura  
Patent Counsel Reg. No. 33249

DENTSPLY International Inc.  
570 West College Avenue  
York, PA 17405-0872  
(717) 849-4466

Enclosures

February 20, 2004

Certificate of Mailing

I hereby certify that this correspondence is being deposited  
with the United States Postal Service with sufficient postage as  
first class mail in an envelope addressed to:

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 20, 2004  
Date

  
Signature

Wendy L. Gohn  
Typed or printed name of person signing certificate

FORM PTO-1449 MODIFIED

List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office



Case No.

KON-112-CIP2

Serial No.

10/732969

Applicant: Blackwell et al

Filing Date  
December 11, 2003

Group

## U. S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Date  | Name             | Class | Subclass |
|------------------|--------------|-------|------------------|-------|----------|
|                  | 3,740,850    | 6/73  | Bowen et al      | 32    | 15       |
|                  | 3,801,344    | 4/74  | Dietz            | 106   | 300      |
|                  | 4,215,033    | 7/80  | Bowen            | 260   | 42.15    |
|                  | 4,243,578    | 1/81  | O'Sullivan et al | 260   | 42.52    |
|                  | 4,297,266    | 10/81 | Ibsen et al      | 260   | 42.14    |
|                  | 4,374,937    | 2/83  | Nemcek et al     | 523   | 116      |
|                  | 4,386,912    | 6/83  | Nagase et al     | 433   | 228      |
|                  | 4,388,069    | 6/83  | Orlowski         | 433   | 228      |
|                  | 4,407,984    | 10/83 | Ratcliffe et al  | 523   | 115      |
|                  | 4,427,799    | 1/84  | Orlowski et al   | 523   | 116      |

## FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document No. | Date | Country | Translation YES | NO         |
|------------------|--------------|------|---------|-----------------|------------|
|                  | 0 026 398    | 4/81 | EP      |                 | X          |
|                  | 0 053 442    | 6/82 | EP      |                 | In English |
|                  | 0 060 911    | 9/82 | EP      |                 | X          |
|                  | 0 530 926    | 3/93 | EP      |                 | In English |
|                  | 0 717 976    | 6/96 | EP      |                 | X          |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

EXAMINER

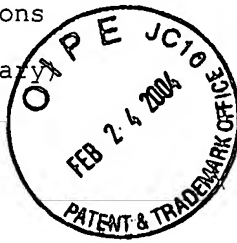
DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 MODIFIED

List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office



Case No.

KON-112-CIP2

Serial No.

10/732969

Applicant: Blackwell et al

Filing Date  
December 11, 2003

Group

## U. S. PATENT DOCUMENTS

| Examiner Initial |  | Document No. | Date  | Name            | Class | Subclass |
|------------------|--|--------------|-------|-----------------|-------|----------|
|                  |  | 4,454,258    | 6/84  | Kawahara et al  | 523   | 116      |
|                  |  | 4,459,193    | 7/84  | Ratcliffe et al | 204   | 159.23   |
|                  |  | 4,504,231    | 3/85  | Koblitz et al   | 433   | 228      |
|                  |  | 4,544,359    | 10/85 | Waknine         | 523   | 115      |
|                  |  | 4,572,920    | 2/86  | Rawls et al     | 523   | 115      |
|                  |  | 4,649,165    | 3/87  | Kuhlmann        | 523   | 116      |
|                  |  | 5,192,815    | 3/93  | Okada et al     | 523   | 115      |
|                  |  | 5,228,907    | 7/93  | Eppinger et al  | 106   | 35       |
|                  |  | 5,244,933    | 9/93  | Eidenbenz et al | 522   | 3        |
|                  |  | 5,319,014    | 6/94  | Moorman et al   | 524   | 427      |

## FOREIGN PATENT DOCUMENTS

| Examiner Initial |  | Document No. | Date | Country | Translation<br>YES NO |
|------------------|--|--------------|------|---------|-----------------------|
|                  |  | 1 544 776    | 4/79 | GB      | In English            |
|                  |  | 81/02254     | 8/81 | WO      | In English            |
|                  |  | 92/12698     | 8/92 | WO      | In English            |
|                  |  | 95/06453     | 3/95 | WO      | Abstract in English   |
|                  |  | 98/36729     | 8/98 | WO      | In English            |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |                                  |            |
|---|----------------------------------|------------|
| FORM PTO-1449 MODIFIED<br><br>List of Patents and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Case No.                         | Serial No. |
|   | KON-112-CIP2                     | 10/732969  |
|   | Applicant: Blackwell et al       |            |
|   | Filing Date<br>December 11, 2003 | Group      |

## U. S. PATENT DOCUMENTS

| Examiner Initial |  | Document No. | Date  | Name            | Class | Subclass |
|------------------|--|--------------|-------|-----------------|-------|----------|
|                  |  | 5,350,782    | 9/94  | Sasaki et al    | 523   | 116      |
|                  |  | 5,356,951    | 10/94 | Yearn et al     | 523   | 116      |
|                  |  | 5,730,601    | 3/98  | Bowman et al    | 433   | 228.1    |
|                  |  | 5,856,374    | 1/99  | Ono et al       | 523   | 116      |
|                  |  | 6,306,927    | 10/01 | Blackwell et al | 523   | 116      |
|                  |  |              |       |                 |       |          |
|                  |  |              |       |                 |       |          |
|                  |  |              |       |                 |       |          |
|                  |  |              |       |                 |       |          |
|                  |  |              |       |                 |       |          |

## FOREIGN PATENT DOCUMENTS

| Examiner Initial |  | Document No. | Date  | Country | Translation<br>YES NO |
|------------------|--|--------------|-------|---------|-----------------------|
|                  |  | 98/43596     | 10/98 | WO      | In English            |
|                  |  | 00/03688     | 1/00  | WO      | In English            |
|                  |  | 00/61073     | 10/00 | WO      | In English            |
|                  |  |              |       |         |                       |
|                  |  |              |       |         |                       |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.